

*Could humans live on the Moon?*

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Humans have visited the Moon, but could we live on the Moon for a long time?

To protect against the Moon's harsh environment, humans would need to build a lunar base. But bringing building materials from the Earth would be very expensive and difficult.

However, while the Moon does not have an atmosphere or liquid water, it does have resources we can use.

Engineers at JAXA are exploring making construction blocks out of the Moon rocks and dust. These could be used to build habitats on the Moon, without having to bring heavy building materials from Earth.

These Moon construction blocks are made from dusty surface material called "regolith". The engineers have therefore nick-named these Moon blocks, "rego-blocks".

One day perhaps you will live in a Moon house of rego!